

## Recombinant Human LRRC32/GARP (C-Fc)

**Catalog Number:** PKSH033979

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

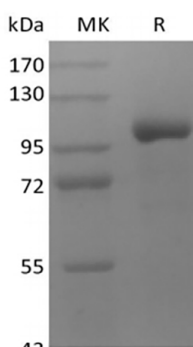
### Description

<b>Species</b>	Human
<b>Source</b>	HEK293 Cells-derived Human LRRC32;GARP protein His20-Asn627, with an C-terminal Fc
<b>Calculated MW</b>	92.9 kDa
<b>Observed MW</b>	110 kDa
<b>Accession</b>	Q14392
<b>Bio-activity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

### Data



> 95 % as determined by reducing SDS-PAGE.

### Background

LRRC32 (Leucine-Rich Repeat Containing 32) is a Protein Coding gene. This gene encodes a type I membrane protein which contains 20 leucine-rich repeats. LRRC32, also known as Glycoprotein A Repetitions Predominant (GARP), has been postulated as a novel surface marker of activated T(regs). LRRC32 is a T(reg)-specific receptor that binds latent TGF-beta and dominantly controls FOXP3 and the regulatory phenotype via a positive feedback loop. It belongs to the LRRC32/LRRC33 family and is broadly expressed in the placenta, lung, and other tissues. Alterations in the chromosomal region 11q13-11q14 are involved in several pathologies. An important paralog of this gene is NRROS.

### For Research Use Only